

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The title of the application has been amended as follows:

**AUTOMATIC GENERATION OF BATCH PROGRAMS WITH  
IDENTIFICATION, INSERTION OF INVARIABLES, DECLARATIVE STATEMENTS  
AND VARIABLES WITH THE USE OF PLACE-MARKS**

### **REASONS FOR ALLOWANCE**

2. The following is an examiner's statement of reasons for allowance:

the closest prior art of record are the Bowman-Amuah patents (USPN #6,742,015 B1 and #6,715,145 B1). Both patents teach implementation of batch systems with traditional and object oriented implementation. Furthermore, the ability to implement wrappers to communicate between traditional and object oriented systems is taught. the claimed invention teaches providing a framework where the batch system is automatically generated based on identifying positions in the code (place-marks). the place-marks provide for a the ability to identifying them, and inserting invariants, declarative statements (code) and variables. An approach that provides for reuse and the ability to maintain the system not taught in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week..

### ***Correspondence Information***

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571) 272-3759. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Todd Ingberg/  
Primary Examiner

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